THREADS OF TRADITION

A JOURNEY THROUGH ARMENIAN FOLKLORE

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final presentation

WEAVING LEGENDS: ARMENIAN FOLKLORE IN THREAD

I've always been fascinated by myths and legends from different cultures. When I started exploring **Armenian folklore**, I realized how much of it was overlooked and often forgotten—even within Armenia itself. This realization inspired me to change that.

"Threads of Tradition" is a textile book designed to bring Armenian legends to life, especially for **kids and teenagers**. Each embroidered fabric panel tells a story using appliqué and layered textiles, making folklore more engaging and interactive.

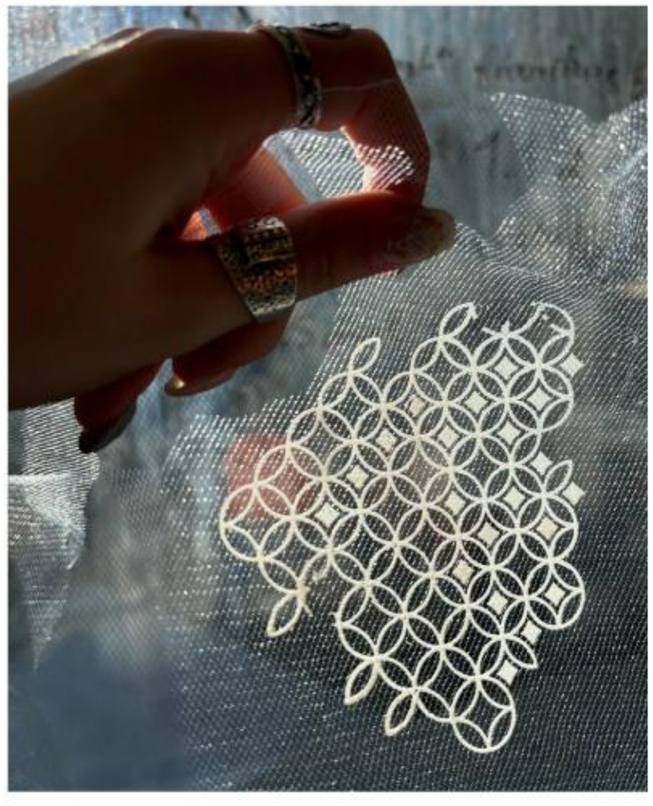
This project isn't just about preserving the past—it's about **sparking curiosity in the next generation.** By sharing these stories in **museums, galleries, and classrooms,** we can keep Armenian myths alive in a way that feels fresh, exciting, and unforgettable.

I've always believed that symbols have the power to tell stories that connect us to something deeper. This idea took shape during my visit to **the Lusik Aguletsi House-Museum in Yerevan**. Surrounded by traditional Armenian costumes, pottery, and jewelry, I was struck by how each piece told a story of its own.

What stood out most was the deep **symbolism behind the artifacts—protection**, fertility, and spiritual connection. These pieces weren't just beautiful; they were stories passed down through generations, carrying the essence of Armenian heritage. Inspired by this, I decided to create something that **keeps these stories alive**.

3D PRINTING ON FABRIC

The process of 3D printing on fabric allowed me to merge Armenian folklore with modern technology. I began by creating digital designs inspired by **traditional Armenian motifs** using Illustrator and Blender. After selecting a flexible and durable fabric, I set up the 3D printer, ensuring it would print the designs directly **onto the fabric** without damaging it.

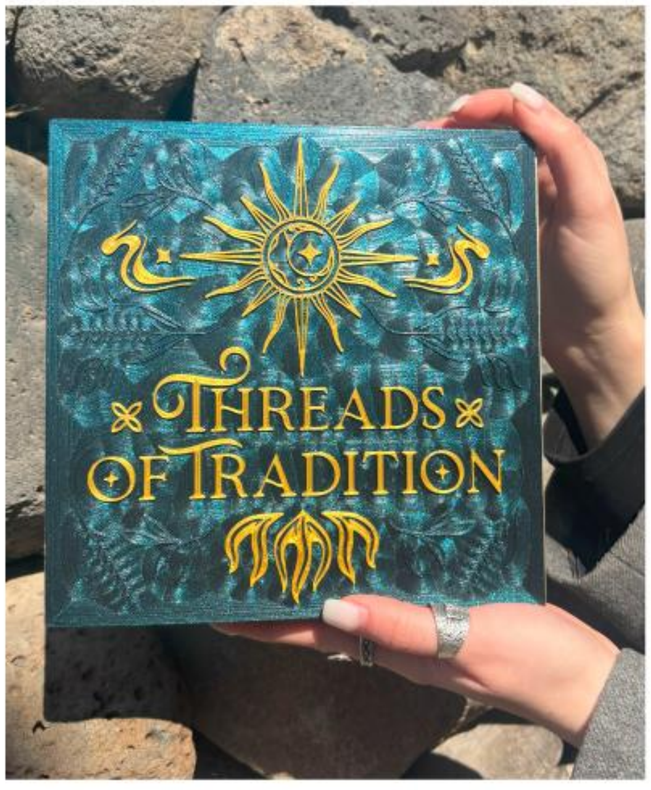


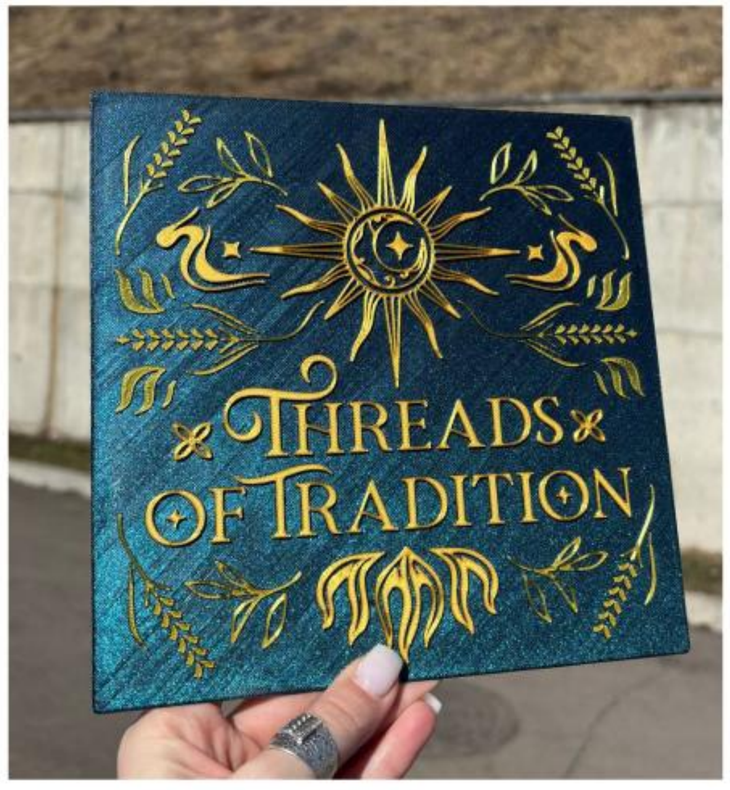
3D PRINTING DETAILS

The 3D printer was used to layer the details, adding **dimension to the illustrations**. Each pattern was printed layer by layer, creating a tactile, raised effect that brought the flat designs into a more **interactive and visually dynamic form**. The result was a seamless blend of digital precision and traditional artistic elements.

3D PRINTED BOOK COVER

This book cover was **3D printed** using **dual-color filament**, combining a rich, **textured background** with striking golden details. The magic shining filament adds depth and a dynamic glow, making the design shift beautifully under different lighting. The embossed patterns and lettering create a **tactile experience**, blending traditional aesthetics with modern technology to enhance the storytelling journey.





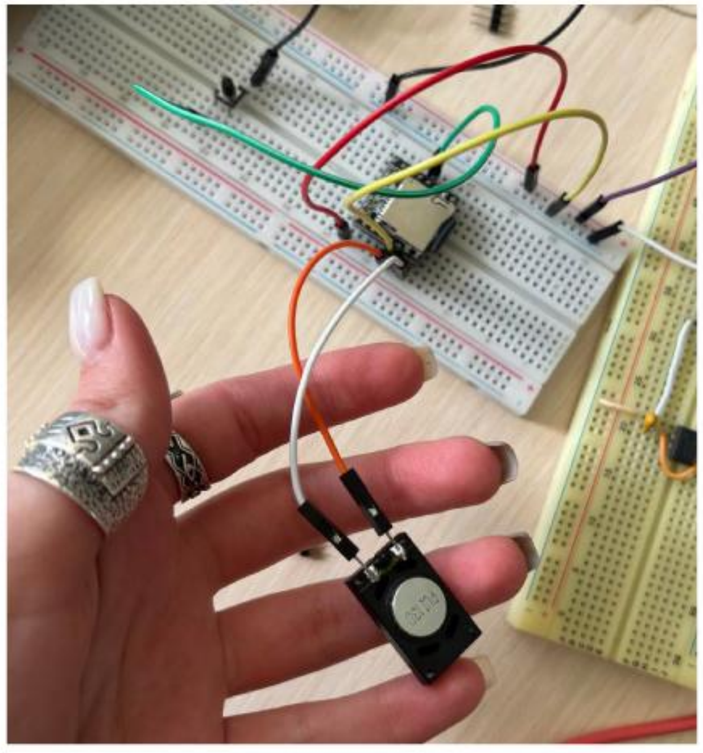
DYEING WITH POMEGRANATE SHELLS

For the dyeing process, I used **pomegranate shells** to create a rich, **natural color** on the fabric. First, the shells were boiled in water to extract the dye. The fabric was then submerged in the dye bath and simmered for a specific amount of time, allowing it to absorb the deep, **warm tones from the pomegranate**.

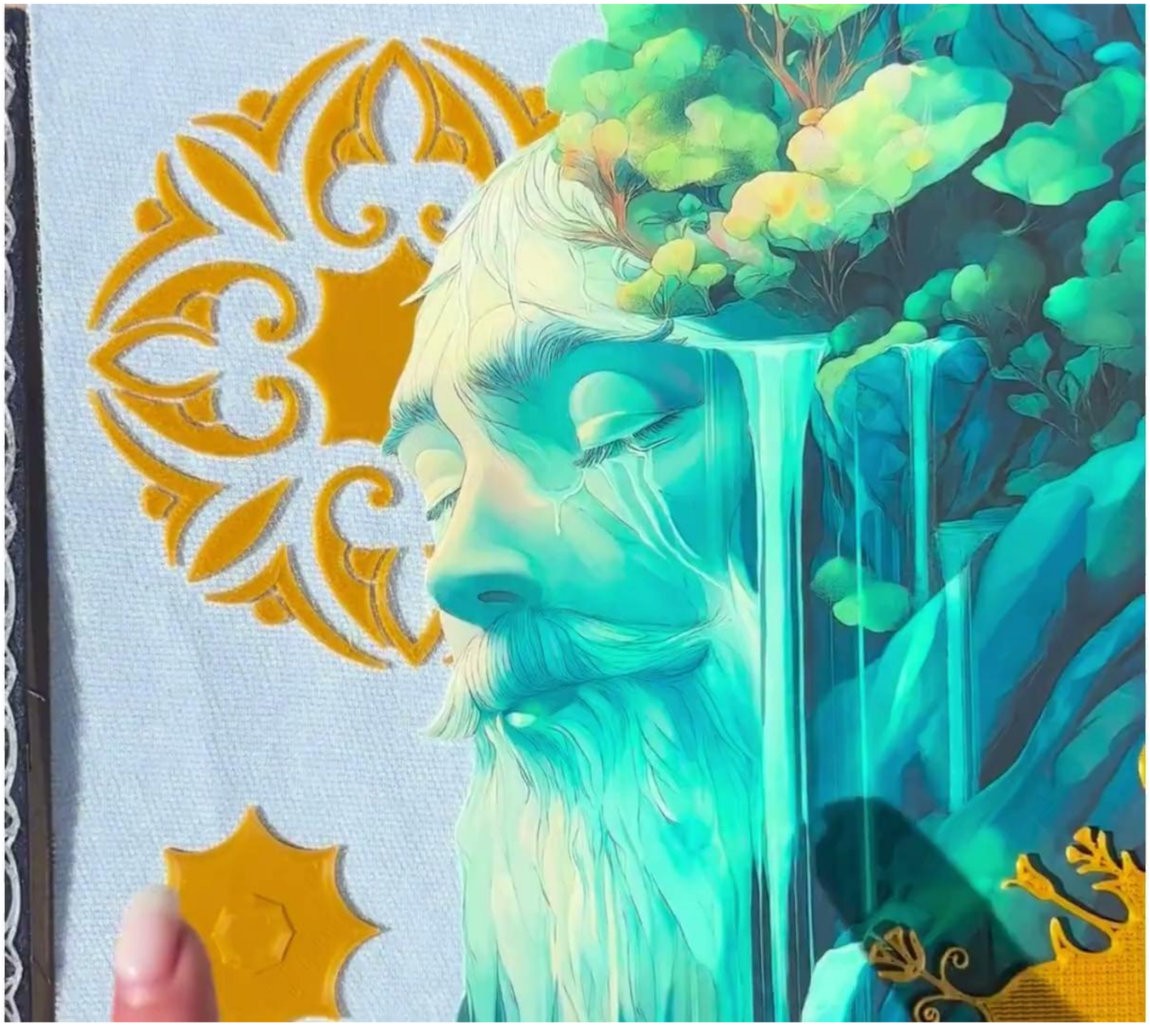
POMEGRANATE SHELL DYEING

INTEGRATING ELECTRONICS

To enhance the storytelling experience, I integrated **electronic elements** into the textile book. One page features a t**ouch sensor that activates an LED**, creating a gentle visual response. Another page is designed to play soothing nature sounds through a **DFPlayer Mini** module when touched, adding an immersive audio layer to the interaction.



INTERACTIVE NARRATIVES: MERGING SOUND AND TOUCH

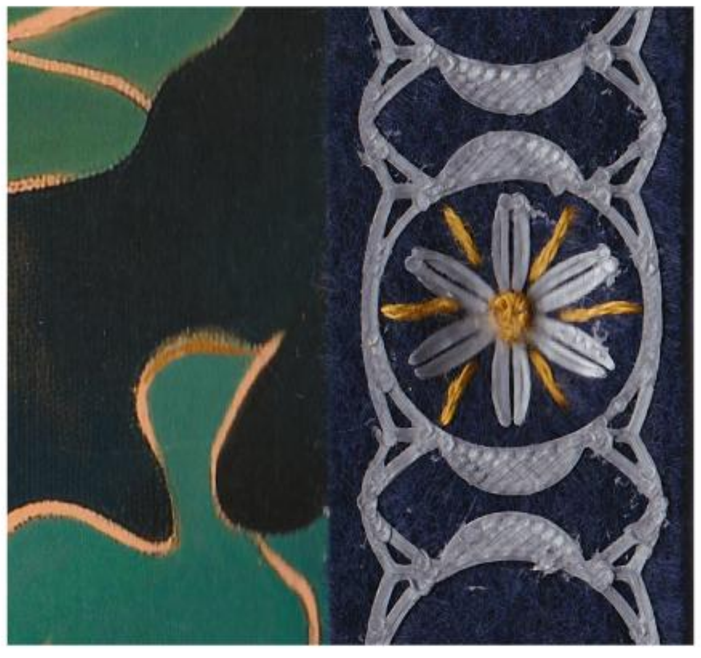


JEWELRY: WEARABLE ART FROM ILLUSTRATIONS

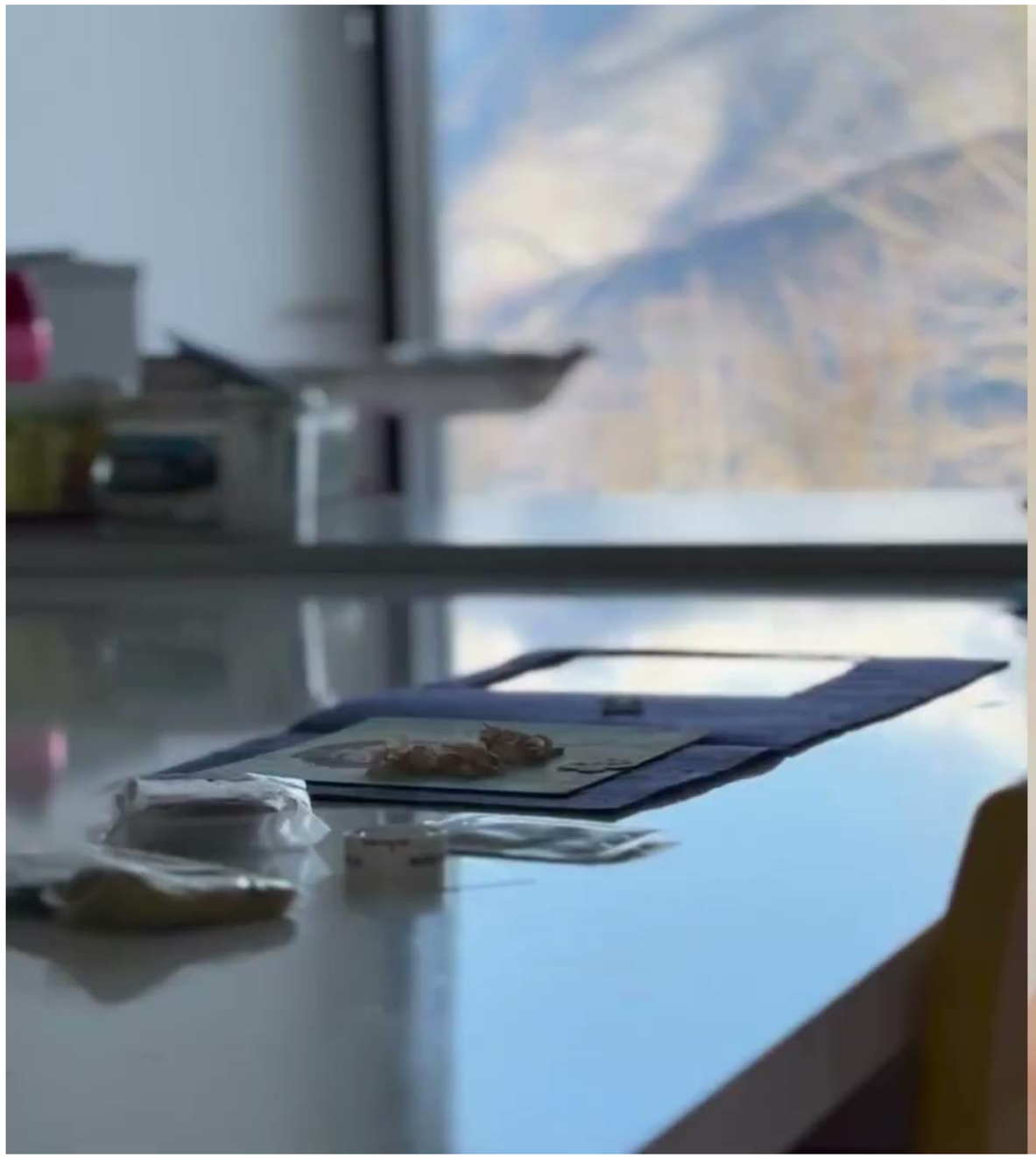
As part of the project, I created **jewelry pieces** inspired by the designs and motifs from the illustrations. These pieces are not only part of the artwork but can also **be worn separately**, allowing for a deeper connection to the folklore. By transforming the motifs into wearable pieces, I aimed to make **the folklore more personal and accessible**, offering both an artistic experience and a way to physically engage with the culture.

INTEGRATING BEADS & EMBROIDERY WITH 3D PRINTED DETAILS

To enrich the tactile experience and visual depth, I integrated **beads and embroidery** with the 3D printed fabric details and illustrations. The embroidery enhanced the texture, adding **intricate threadwork to the designs**, while beads were carefully placed to highlight specific areas of the illustrations, drawing attention to key elements of the motifs.

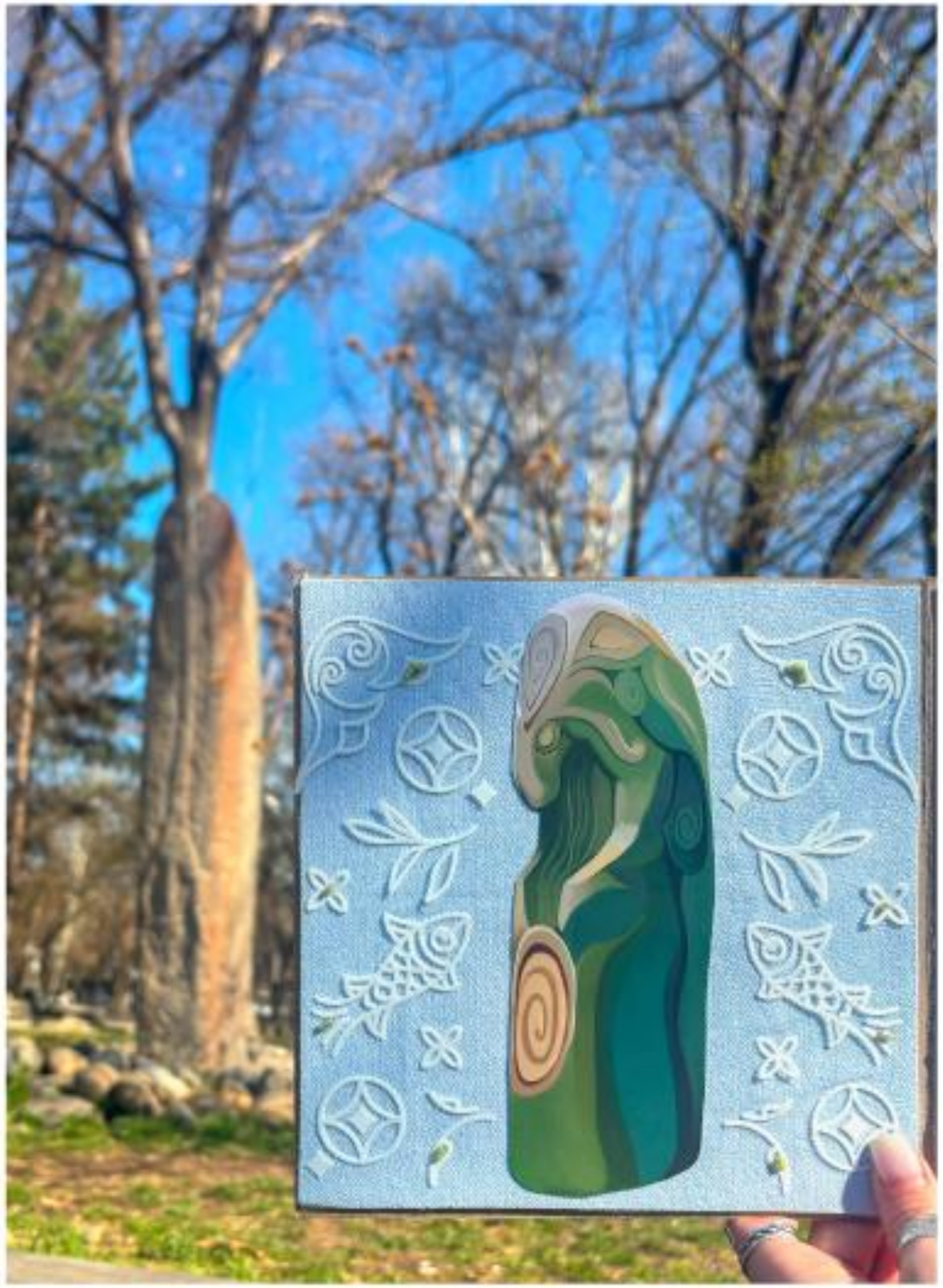


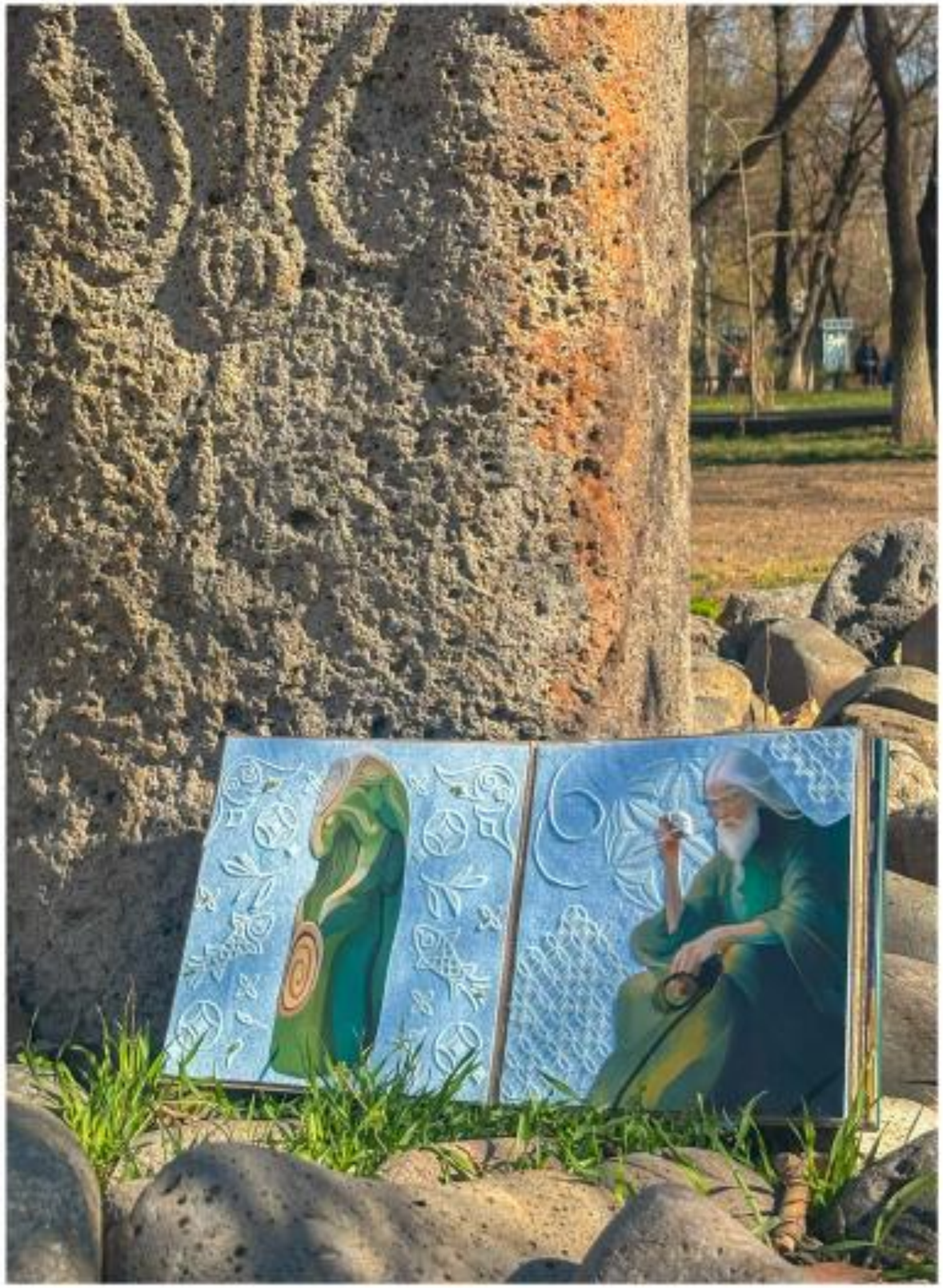
THE EMBROIDERY PROCESS

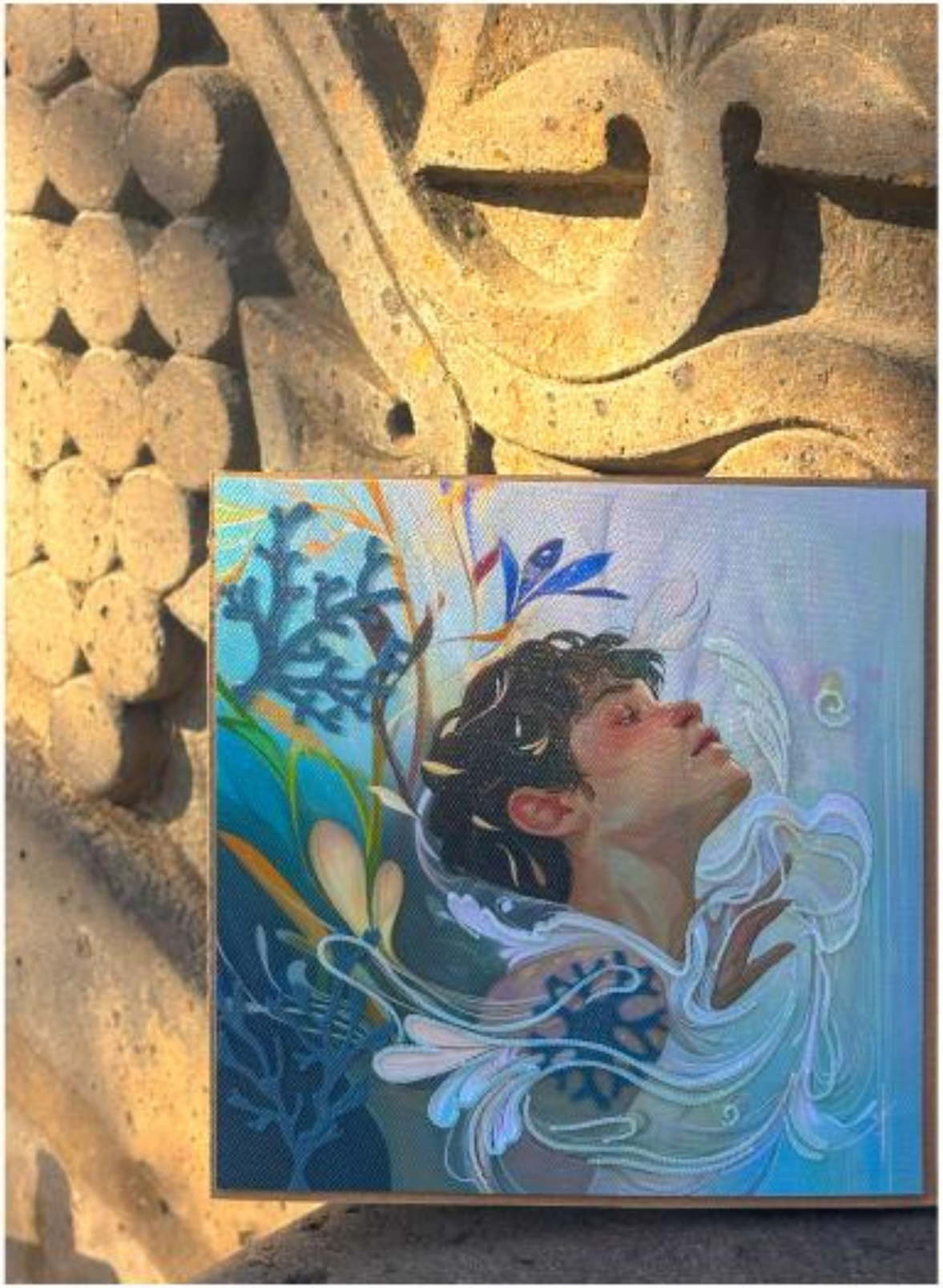


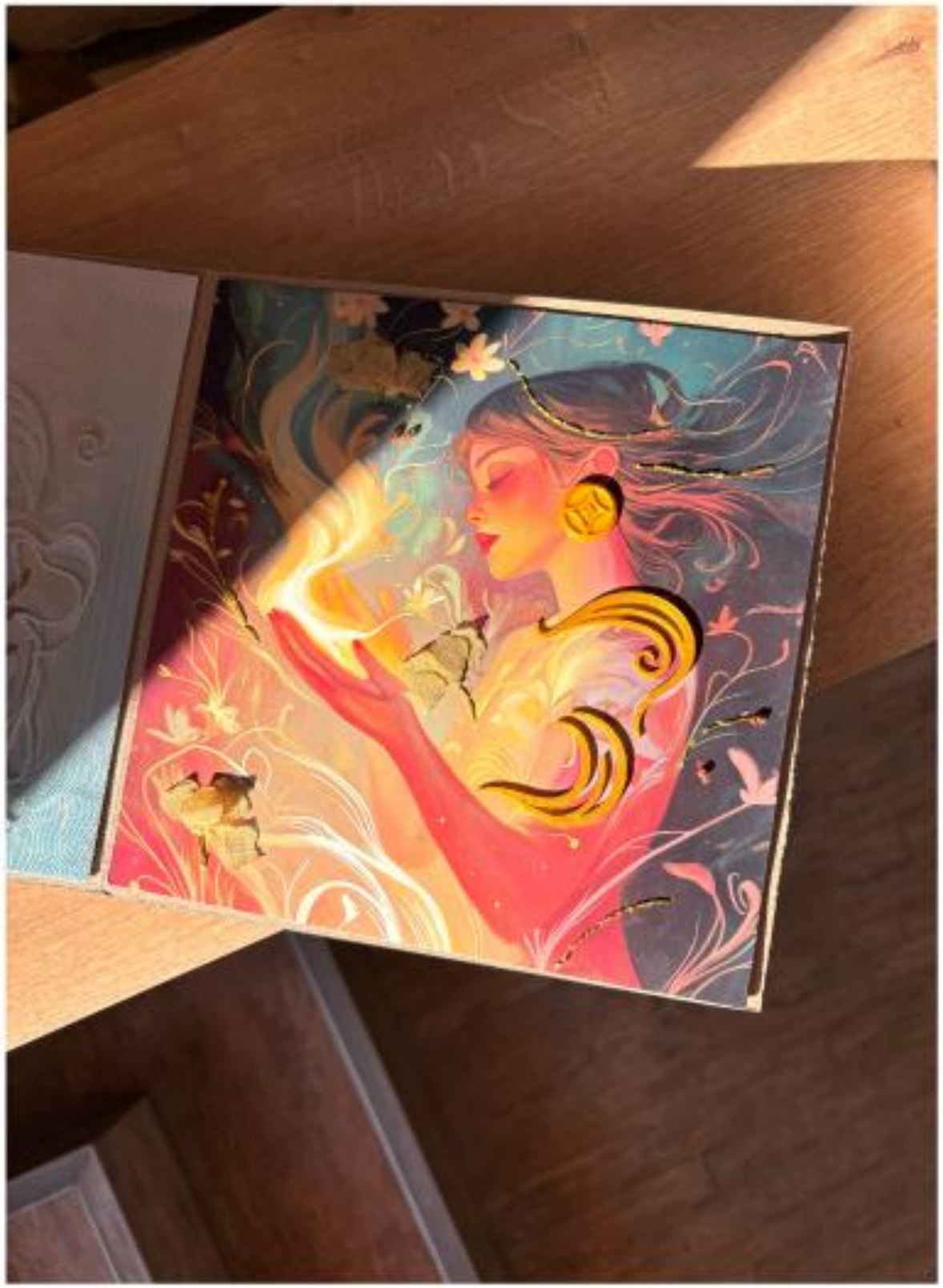
WEAVING ELEMENTS INTO A STORY

Every detail—**3D-printed textures, embroidered patterns, illustrations, and electronic interactions**—comes together to create a multi-sensory storytelling experience.



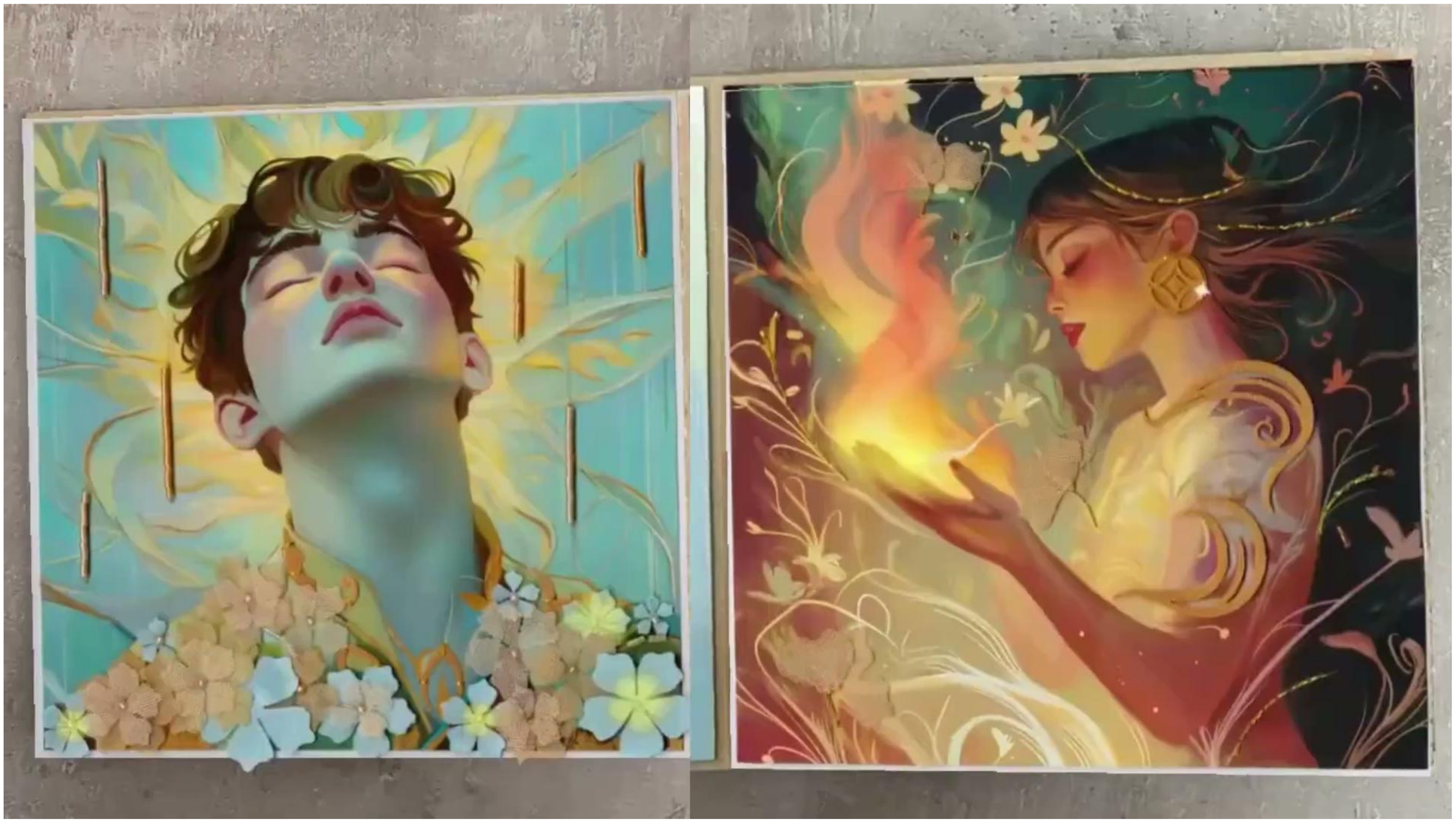






AUGMENTED REALITY INTEGRATION

I integrated **AR elements**, enabling users to see **animations** when scanning the page, bringing the designs to life.



POP-UP TEXT AND LEGENDS

I added **pop-up text elements**, allowing users to read hidden details within the design. Each panel reveals a legend, enriching the storytelling experience.

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THANK YOU!